

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs                       | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---------------------------|------------------|---------|---------------------|
| S1    | 43   | ((MITSURU) near2 (UEDA)). INV.  | US-PGPUB;<br>USPAT; USOCR | AND              | ON      | 2009/06/24<br>16:53 |
| S2    | 24   | ((MASAHARU) near2 (IKEDA)). INV.  | US-PGPUB;<br>USPAT; USOCR | AND              | ON      | 2009/06/24<br>16:53 |
| S3    | 66   | S1 S2   | US-PGPUB;<br>USPAT        | OR               | ON      | 2009/06/24<br>17:19 |
| S4    | 131  | (@AD<"20041220")<br>((ceramic adj sheet) near5 laminat\$3) (pattern or conductor or coil) via (pad or land)   | US-PGPUB;<br>USPAT        | AND              | ON      | 2009/06/24<br>17:25 |
| S5    | 26   | (@AD<"20041220")<br>((ceramic adj sheet) near5 laminat\$3) (pattern or conductor or coil) via ((pad or land) with (projection or extend\$3 or tail))            | US-PGPUB;<br>USPAT        | AND              | ON      | 2009/06/24<br>17:29 |
| S6    | 71   | (@AD<"20041220")<br>((ceramic adj sheet) near5 laminat\$3) (print\$3 near5 (pattern or conductor or coil)) via (pad or land)                                    | US-PGPUB;<br>USPAT        | AND              | ON      | 2009/06/24<br>17:30 |
| S7    | 9    | S5 S6   | US-PGPUB;<br>USPAT        | AND              | ON      | 2009/06/24<br>17:30 |
| S8    | 596  | (@AD<"20041220")<br>(((ceramic or green) adj sheet) near5 laminat\$3) (pattern or conductor or coil) via (pad or land)  | US-PGPUB;<br>USPAT        | AND              | ON      | 2009/06/24<br>17:43 |
| S9    | 104  | (@AD<"20041220")<br>(((ceramic or green) adj sheet) near5 laminat\$3) (pattern or conductor or coil) via ((pad or land) with (projection or extend\$3 or tail)) | US-PGPUB;<br>USPAT        | AND              | ON      | 2009/06/24<br>17:44 |
| S10   | 312  | (@AD<"20041220")<br>(((ceramic or green) adj sheet) near5 laminat\$3) (print\$3 near5 (pattern or conductor or coil)) via (pad or land)                         | US-PGPUB;<br>USPAT        | AND              | ON      | 2009/06/24<br>17:45 |
| S11   | 48   | S9 S10  | US-PGPUB;<br>USPAT        | AND              | ON      | 2009/06/24<br>17:45 |

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| S12 | 39  | S11 not S7  | US-PGPUB;<br>USPAT | AND | ON | 2009/06/24<br>17:46 |
| S13 | 22  | ((@AD<"20041220")<br>((ceramic adj sheet) near5<br>laminat\$3) via ((pad or<br>land) near5 (projection or<br>extend\$3 or tail))                                  | US-PGPUB;<br>USPAT | AND | ON | 2009/06/25<br>08:33 |
| S14 | 26  | ((@AD<"20041220")<br>((ceramic adj sheet) near5<br>laminat\$3) (pattern or<br>conductor or coil) via ((pad<br>or land) with (projection or<br>extend\$3 or tail)) | US-PGPUB;<br>USPAT | AND | ON | 2009/06/25<br>08:33 |
| S15 | 60  | ((@AD<"20041220")<br>((ceramic adj sheet)) via<br>((pad or land) near5<br>(projection or extend\$3 or<br>tail))   | US-PGPUB;<br>USPAT | AND | ON | 2009/06/25<br>08:37 |
| S16 | 38  | S15 not S13 not S14   | US-PGPUB;<br>USPAT | AND | ON | 2009/06/25<br>08:38 |
| S17 | 13  | ((@AD<"20041220")<br>((ceramic adj sheet)) via<br>((pad or land) near2<br>(projection or extend\$3 or<br>tail))   | US-PGPUB;<br>USPAT | AND | ON | 2009/06/25<br>09:02 |
| S18 | 487 | ((@AD<"20041220")<br>(ceramic near5 laminat\$3)<br>(pattern or conductor or<br>coil) via ((pad or land) with<br>(projection or extend\$3 or<br>tail))             | US-PGPUB;<br>USPAT | AND | ON | 2009/06/25<br>09:07 |
| S19 | 596 | ((@AD<"20041220")<br>(((ceramic or green) adj<br>sheet) near5 laminat\$3)<br>(pattern or conductor or<br>coil) via (pad or land)                                  | US-PGPUB;<br>USPAT | AND | ON | 2009/06/25<br>09:07 |
| S20 | 63  | S18 S19   | US-PGPUB;<br>USPAT | AND | ON | 2009/06/25<br>09:07 |
| S21 | 32  | S20 not S13 not S14 not<br>S15  | US-PGPUB;<br>USPAT | AND | ON | 2009/06/25<br>09:08 |
| S22 | 17  | ((@AD<"20041220")<br>((ceramic adj sheet) near5<br>laminat\$3) coil via (pad or<br>land)  | US-PGPUB;<br>USPAT | AND | ON | 2009/06/25<br>10:55 |

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|-----|-------|---|--------------------|-----|----|---------------------|
| S23 | 52    | (US-20030161091-\$ or US-20030161090-\$ or US-20040203552-\$ or US-20030011999-\$ or US-20010026435-\$ or US-20020139566-\$ or US-20040213525-\$ or US-20040116098-\$ or US-20040087280-\$ or US-20030199271-\$ or US-20020153966-\$).did. or (US-7155812-\$ or US-6753218-\$ or US-6751082-\$ or US-6542352-\$ or US-5883428-\$ or US-5495387-\$ or US-7289008-\$ or US-7149496-\$ or US-7009114-\$ or US-6931698-\$ or US-6787741-\$ or US-6751101-\$ or US-6694613-\$ or US-6624549-\$ or US-6584851-\$ or US-6512210-\$ or US-6300576-\$ or US-6224703-\$ or US-5910755-\$ or US-5834994-\$ or US-5525402-\$ or US-5547530-\$ or US-5506755-\$ or US-5488542-\$ or US-4237606-\$ or US-5155577-\$).did. or (US-4991283-\$ or US-7086786-\$ or US-6767140-\$ or US-6660116-\$ or US-5401689-\$ or US-5342999-\$ or US-5060116-\$ or US-4521449-\$ or US-7378049-\$ or US-7200365-\$ or US-7190970-\$ or US-6703768-\$ or US-6633748-\$ or US-6563396-\$ or US-6445262-\$).did. | US-PGPUB;<br>USPAT | AND | ON | 2009/06/25<br>11:06 |
| S24 | 33168 | (@AD<"20041220") ((pad or land) near2 (projection or extend\$3 or tail or size))  | US-PGPUB;<br>USPAT | AND | ON | 2009/06/25<br>11:09 |
| S25 | 0     | S22 S24   | US-PGPUB;<br>USPAT | AND | ON | 2009/06/25<br>11:10 |
| S26 | 9     | S23 S24   | US-PGPUB;<br>USPAT | AND | ON | 2009/06/25<br>11:10 |
| S27 | 46    | S19 S23   | US-PGPUB;<br>USPAT | AND | ON | 2009/06/25<br>11:15 |
| S28 | 37    | S23 printing  | US-PGPUB;<br>USPAT | AND | ON | 2009/06/25<br>11:17 |
| S29 | 35    | S27 S28   | US-PGPUB;<br>USPAT | AND | ON | 2009/06/25<br>11:17 |
| S30 | 11    | S27 not S29   | US-PGPUB;<br>USPAT | AND | ON | 2009/06/25<br>11:21 |

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| S31 | 127 | (@AD<"20041220")<br>(((ceramic or green) adj<br>sheet) near5 laminat\$3) coil<br>via (pad or land)  | US-PGPUB;<br>USPAT  | AND | ON | 2009/06/25<br>11:38 |
| S32 | 13  | S23 S31   | US-PGPUB;<br>USPAT  | AND | ON | 2009/06/25<br>11:38 |
| S33 | 10  | S32 land  | US-PGPUB;<br>USPAT  | AND | ON | 2009/06/25<br>11:38 |
| S34 | 8   | S33 printing  | US-PGPUB;<br>USPAT  | AND | ON | 2009/06/25<br>14:45 |
| S35 | 45  | (@AD<"20041220")<br>(((ceramic or green) adj<br>sheet) near5 laminat\$3)<br>((coil or conductor) near2<br>(terminal or end or connect<br>\$3) near2 (pad or land or<br>contact\$2)) via | US-PGPUB;<br>USPAT  | AND | ON | 2009/06/25<br>14:48 |
| S36 | 5   | S23 S35   | US-PGPUB;<br>USPAT  | AND | ON | 2009/06/25<br>14:49 |
| S37 | 3   | S36 (screen adj printing)   | US-PGPUB;<br>USPAT  | AND | ON | 2009/06/25<br>14:56 |
| S38 | 1   | S31 S37   | US-PGPUB;<br>USPAT  | AND | ON | 2009/06/25<br>14:57 |
| S39 | 1   | S36 (screen adj printing)<br>coil   | US-PGPUB;<br>USPAT  | AND | ON | 2009/06/25<br>15:01 |
| S40 | 11  | (@AD<"20041220")<br>(((ceramic or green) adj<br>sheet) near5 laminat\$3)<br>(spiral adj coil) via (pad or<br>land)  | US-PGPUB;<br>USPAT  | AND | ON | 2009/06/25<br>15:12 |
| S41 | 1   | ("2005/0122699").URPN.  | USPAT   | AND | ON | 2009/06/25<br>15:25 |
| S42 | 10  | ("20020022110"  <br>"20030030533"  <br>"20050122699"   "5521573"<br>  "5990776"   "6175727"  <br>"6198374"   "6370033"  <br>"6388551"   "6711814").PN.                                  | US-PGPUB;<br>USPAT; USOCR   | AND | ON | 2009/06/25<br>15:26 |
| S43 | 3   | "11-260644"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/06/25<br>15:34 |

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| S44 | 60   | (US-20030161091-\$ or US-20030161090-\$ or US-20040203552-\$ or US-20030011999-\$ or US-20010026435-\$ or US-20020139566-\$ or US-20040213525-\$ or US-20040116098-\$ or US-20040087280-\$ or US-20030199271-\$ or US-20020153966-\$ or US-20020048668-\$ or US-20050122699-\$).did. or (US-7155812-\$ or US-6753218-\$ or US-6751082-\$ or US-6542352-\$ or US-5883428-\$ or US-5495387-\$ or US-7289008-\$ or US-7149496-\$ or US-7009114-\$ or US-6931698-\$ or US-6787741-\$ or US-6751101-\$ or US-6694613-\$ or US-6624549-\$ or US-6584851-\$ or US-6512210-\$ or US-6300576-\$ or US-6224703-\$ or US-5910755-\$ or US-5834994-\$ or US-5525402-\$ or US-5547530-\$ or US-5506755-\$ or US-5488542-\$ or US-4237606-\$ or US-5155577-\$).did. or (US-4991283-\$ or US-7086786-\$ or US-6767140-\$ or US-6660116-\$ or US-5401689-\$ or US-5342999-\$ or US-5060116-\$ or US-4521449-\$ or US-7378049-\$ or US-7200365-\$ or US-7190970-\$ or US-6703768-\$ or US-6633748-\$ or US-6563396-\$ or US-6445262-\$ or US-6329715-\$ or US-6611035-\$ or US-6335050-\$ or US-6136458-\$ or US-6198374-\$ or US-6175727-\$).did. | US-PGPUB;<br>USPAT | AND | ON | 2009/06/26<br>08:29 |
| S45 | 20   | S44 coil  | US-PGPUB;<br>USPAT | AND | ON | 2009/06/26<br>08:30 |
| S46 | 6    | S44 (spiral adj coil)   | US-PGPUB;<br>USPAT | AND | ON | 2009/06/26<br>08:36 |
| S47 | 1052 | (@AD<"20041220")<br>(((ceramic or green) adj<br>sheet) near5 laminat\$3) (fill<br>\$3 near5 (via or hole))  | US-PGPUB;<br>USPAT | AND | ON | 2009/06/26<br>10:49 |

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|-----|--------|---|--------------------|-----|----|---------------------|
| S48 | 711    | ((@AD<"20041220")<br>(((ceramic or green) adj<br>sheet) near5 laminat\$3) (fill<br>\$3 near5 (via or hole)) (print<br>\$3 not carrier)  | US-PGPUB;<br>USPAT | AND | ON | 2009/06/26<br>10:51 |
| S49 | 877    | ((@AD<"20041220")<br>(((ceramic or green) adj<br>sheet) near5 laminat\$3) (fill<br>\$3 near5 (via or hole)) (print<br>\$3 not (carrier adj film))   | US-PGPUB;<br>USPAT | AND | ON | 2009/06/26<br>10:52 |
| S50 | 671    | S49 ((printing or fill\$3)<br>near5 conduct\$3)   | US-PGPUB;<br>USPAT | AND | ON | 2009/06/26<br>11:00 |
| S51 | 427    | S49 (printing near5 conduct<br>\$3)   | US-PGPUB;<br>USPAT | AND | ON | 2009/06/26<br>11:01 |
| S52 | 5      | S44 S51   | US-PGPUB;<br>USPAT | AND | ON | 2009/06/26<br>11:02 |
| S53 | 1374   | 174/262,250.cor.<br>361/736,793.cor.<br>"29"."."830".cor.   | US-PGPUB;<br>USPAT | OR  | ON | 2009/06/26<br>12:08 |
| S54 | 131    | ((@AD<"20041220")<br>((ceramic adj sheet) near5<br>laminat\$3) (pattern or<br>conductor or coil) via (pad<br>or land)   | US-PGPUB;<br>USPAT | AND | ON | 2009/06/26<br>12:09 |
| S55 | 1      | S53 S54   | US-PGPUB;<br>USPAT | AND | ON | 2009/06/26<br>12:09 |
| S56 | 23     | (US-20010026435-\$ or US-<br>20020139566-\$ or US-<br>20050122699-\$).did. or (US-<br>7155812-\$ or US-7289008-\$<br>or US-7149496-\$ or US-<br>6224703-\$ or US-5910755-\$<br>or US-5834994-\$ or US-<br>5525402-\$ or US-4237606-\$<br>or US-4991283-\$ or US-<br>6767140-\$ or US-5401689-\$<br>or US-5060116-\$ or US-<br>4521449-\$ or US-7200365-\$<br>or US-7190970-\$ or US-<br>6563396-\$ or US-6329715-\$<br>or US-6611035-\$ or US-<br>6198374-\$ or US-6175727-<br>\$).did. | US-PGPUB;<br>USPAT | AND | ON | 2009/06/26<br>12:22 |
| S57 | 1902   | 174/262,250.cor.<br>361/736,793.cor. 29/830.<br>cor.  | US-PGPUB;<br>USPAT | OR  | ON | 2009/06/26<br>14:08 |
| S58 | 2      | S54 S57   | US-PGPUB;<br>USPAT | AND | ON | 2009/06/26<br>14:09 |
| S59 | 114468 | ((@AD<"20041220")<br>((pattern or conductor or<br>coil) near5 (end or terminal<br>or pad or land)) via  | US-PGPUB;<br>USPAT | AND | ON | 2009/11/15<br>08:49 |

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|-----|-------|--|--------------------|-----|----|---------------------|
| S60 | 12471 | ((@AD<"20041220")<br>((pattern or conductor or<br>coil) near5 (end or terminal<br>or pad or land)) via ((end or<br>terminal or pad or land)<br>near3 area)   | US-PGPUB;<br>USPAT | AND | ON | 2009/11/15<br>08:50 |
| S61 | 1010  | ((@AD<"20041220")<br>((pattern or conductor or<br>coil) near5 (end or terminal<br>or pad or land)) via ((end or<br>terminal or pad or land)<br>near3 area near3 (larger or<br>bigger or smaller))  | US-PGPUB;<br>USPAT | AND | ON | 2009/11/15<br>08:51 |
| S62 | 393   | ((@AD<"20041220")<br>((pattern or conductor or<br>coil) near3 (end or terminal<br>or pad or land)) via ((end or<br>terminal or pad or land)<br>near3 area near3 (larger or<br>bigger or smaller)) ((end or<br>terminal or pad or land)<br>near5 via) | US-PGPUB;<br>USPAT | AND | ON | 2009/11/15<br>08:53 |
| L6  | 2460  | 174/262,250.cor.<br>361/736,793.cor.<br>29/830,846.cor.  | US-PGPUB;<br>USPAT | OR  | ON | 2009/11/15<br>12:14 |
| L7  | 393   | ((@AD<"20041220")<br>((pattern or conductor or<br>coil) near3 (end or terminal<br>or pad or land)) via ((end or<br>terminal or pad or land)<br>near3 area near3 (larger or<br>bigger or smaller)) ((end or<br>terminal or pad or land)<br>near5 via) | US-PGPUB;<br>USPAT | AND | ON | 2009/11/15<br>12:15 |
| L8  | 7     | 6 L7   | US-PGPUB;<br>USPAT | AND | ON | 2009/11/15<br>12:15 |

11/ 15/ 2009 12:17:22 PM

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